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Docket No. 208254US0
IN RE APPLICATION OF: Nobuhisa SHIMBA, et al.
SERIAL NO: 09/850,031
FILED: May 8, 2001
FOR: METHOD FOR ISOTOPE LABELING OF PROTEIN WITH ENZYME

ASSISTANT COMMISSIONER FOR PATENTS
WASHINGTON, D.C. 20231

SIR:

Transmitted herewith is an **Amendment and Request for Reconsideration (w/attached Marked-Up Copy)** in the above-identified application.

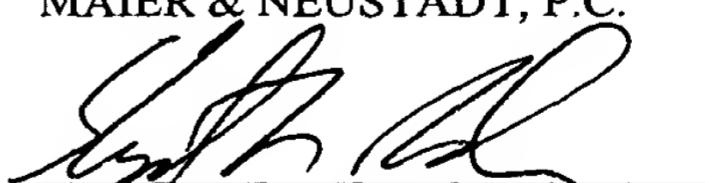
- No additional fee is required
- Small entity status of this application under 37 C.F.R. §1.9 and §1.27 is claimed.
- Additional documents filed herewith: Exhibit A

The Fee has been calculated as shown below:

| CLAIMS | CLAIMS REMAINING | | HIGHEST NUMBER PREVIOUSLY PAID | NO. EXTRA CLAIMS | RATE | CALCULATIONS |
|-------------|---------------------|--|---|------------------------|-----------|--------------|
| TOTAL | 20 | MINUS | 20 | 0 | x \$18 = | \$0.00 |
| INDEPENDENT | 3 | MINUS | 3 | 0 | x \$84 = | \$0.00 |
| | | <input type="checkbox"/> MULTIPLE DEPENDENT CLAIMS | | | + \$280 = | \$0.00 |
| | | | | | | \$0.00 |
| | | <input type="checkbox"/> Reduction by 50% for filing by Small Entity | | | | \$0.00 |
| | | <input type="checkbox"/> Recordation of Assignment | | | + \$40 = | \$0.00 |
| | | | | | | TOTAL \$0.00 |

- A check in the amount of \$0.00 is attached.
- Please charge any additional Fees for the papers being filed herewith and for which no check is enclosed herewith, or credit any overpayment to deposit Account No. 15-0030. A duplicate copy of this sheet is enclosed.
- If these papers are not considered timely filed by the Patent and Trademark Office, then a petition is hereby made under 37 C.F.R. §1.136, and any additional fees required under 37 C.F.R. §1.136 for any necessary extension of time may be charged to Deposit Account No. 15-0030. A duplicate copy of this sheet is enclosed.

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208254US0



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IN THE UNITED STATES PATENT & TRADEMARK OFFICE

IN RE APPLICATION OF:

NOBUHISA SHIMBA ET AL

: EXAMINER: WEBER

SERIAL NO.: 09/850,031

:

FILED: MAY 8, 2001

: GROUP ART UNIT: 1651

FOR: METHOD FOR ISOTOPE LABELING
OF PROTEIN WITH ENZYME

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AMENDMENT AND REQUEST FOR RECONSIDERATION

ASSISTANT COMMISSIONER FOR PATENTS
WASHINGTON, D.C. 20231

SIR:

In response to the Official Action dated January 15, 2003, Applicants respectfully request reconsideration of the above-identified application in view of the following amendments and remarks.

IN THE CLAIMS

Please cancel Claims 1 and 2, without prejudice toward the further prosecution of these claims in a continuation and/or divisional application.

Please amend the claims as shown on the attached marked-up copy to read as follows:

a1
--3. (Amended) A method for isotopically labeling a functional group possessed by an amino acid residue of a protein, comprising the step of reacting a transglutaminase with said protein in the presence of an isotope-labeled ammonium salt.